Author Index

Alexander, R., see Courtenay, S., 225
Andersson, T., see Holm, G., 33

Bebianno, M.J., Nott, J.A. and Langston, W.J., Cadmium metabolism in the clam *Ruditapes decussata*: the role of metallothioneins, 315
Belfry, C.S., see Lacroix, G.L., 373
Bertelsen, S.L., see Nichols, J.W., 83
Brick, M. and Deutsch, U., Ultrastrucutral investigations of the penis epithelia cells of three neogastropods, collected from TBT (tributyltin)-polluted areas, 113
Buckler, D.R., see Cleveland, L., 265

Chen, J.-C. and Cheng, S.-Y., Hemolymph PCO_2, hemocyanin, protein levels and urea excretions of *Penaeus monodon* exposed to ambient ammonia, 281
Cheng, S.-Y., see Chen, J.-C., 281
Cleveland, L., Little, E.E., Buckler, D.R. and Wiedmeyer, R.H., Toxicity and bioaccumulation of waterborne and dietary selenium in juvenile bluegill (*Lepomis macrochirus*), 265
Cook, L.S.J., see Davies, P.E., 201
Courtenay, S., Grunwald, C., Kreamer, G.-L., Alexander, R. and Wirgin, I., Induction and clearance of cytochrome P4501A mRNA in Atlantic tomcod caged in bleached kraft mill effluent in the Miramichi River, 225

Dabrowska, H. and Fisher, S.W., Environmental factors affecting the accumulation of sediment-sorbed hexachlorobiphenyls by channel catfish, 179
Davies, P.E. and Cook, L.S.J., Catastrophic macroinvertebrate drift and sublethal effects on brown trout, *Salmo trutta*, caused by cypermethrin spraying on a Tasmanian stream, 201
Day, W.W., see Kane, A.S., 51
Deutsch, U., see Brick, M., 113

Farrell, A.P., see Nikl, D.L., 245
Fisher, S.W., see Dabrowska, H., 179
Fletcher, T.C., see Tahir, A., 71

Gala, W.R. and Giesy, J.P., Using the carotenoid biosynthesis inhibiting herbicide, Fluridone, to investigate the ability of carotenoid pigments to protect algae from the photo-induced toxicity of anthracene, 61
Gallinat, C.A., see Nichols, J.W., 83
Giesy, J.P., see Gala, W.R., 61
Grunwald, C., see Courtenay, S., 225

Handy, R.D., The effect of acute exposure to dietary Cd and Cu on organ toxicant concentrations in rainbow trout, *Oncorhynchus mykiss*, 1
Hoffman, A.D., see Nichols, J.W., 83
Holm, G., Norrgren, L., Andersson, T. and Thurén, A., Effects of exposure to food contaminated with PBDE, PCN or PCB on reproduction, liver morphology and cytochrome P450 activity in the three-spined stickleback, *Gasterosteus aculeatus*, 33
Houlihan, D.F., see Tahir, A., 71

Jobling, S. and Sumpter, J.P., Detergent components in sewage effluent are weakly oestrogenic to fish: An in vitro study using rainbow trout (*Oncorhynchus mykiss*) hepatocytes, 361
Johnson, B.T., Genotoxicity testing with fish hepatic S9 for evaluation of complex mixtures in the aquatic environment: the use of channel catfish as a model, 293

Kane, A.S., Day, W.W., Reimschuessel, R. and Lipsky, M.M., 3-Trifluoromethyl-4-nitrophenol (TFM) toxicity and hepatic microsomal UDP-glucuronyltransferase activity in larval and adult bullfrogs, 51
Kreamer, G.-L., see Courtenay, S., 225

Lacroix, G.L., Peterson, R.H., Belfry, C.S. and Martin-Robichaud, D.J., Aluminum dynamics on gills of Atlantic salmon fry in the presence of citrate and effects on integrity of gill structures, 373
Langston, W.J., see Bebianno, M.J., 315
Lemly, A.D., Metabolic stress during winter increases the toxicity of selenium to fish, 133

Lien, G.J., see Nichols, J.W., 83
Lien, G.J. and McKim, J.M., Predicting branchial and cutaneous uptake of 2,2′,5,5′-tetrachlorobiphenyl in fathead minnows (*Pimephales promelas*) and Japanese medaka (*Oryzias latipes*): Rate limiting factors, 15
Lipsky, M.M., see Kane, A.S., 51
Little, E.E., see Cleveland, L., 265

Martin-Robichaud, D.J., see Lacroix, G.L., 373
McKim, J.M., see Lien, G.J., 15
McKim, J.M., see Nichols, J.W., 83
Michel, X.R., Suteau, P., Robertson, L.W. and Narbonne, J.-F., Effects of benzo(a)pyrene, 3,3′,4,4′-tetrachlorobiphenyl and 2,2′,4,4′,5,5′-hexachlorobiphenyl on the xenobiotic-metabolizing enzymes in the mussel (*Mytilus galloprovincialis*), 335

Narbonne, J.-F., see Michel, X.R., 335
Nichols, J.W., McKim, J.M., Lien, G.J., Hoffman, A.D., Bertelsen, S.L. and Gallinat, C.A., Physiologically-based toxicokinetic modeling of three waterborne chloroethanes in channel catfish, *Ictalurus punctatus*, 83
Nikl, D.L. and Farrell, A.P., Reduced swimming performance and gill structural changes in juvenile salmonids exposed to 2-(thiocyanomethylthio)benzothiazole, 245
Norrgren, L., see Holm, G., 33
Nott, J.A., see Bebianno, M.J., 315

Opperhuizen, A., see Sijm, D.T.H.M., 345

Peter Thomas, and Wofford, H.W., Effects of cadmium and Aroclor 1254 on lipid peroxidation, glutathione peroxidase activity, and selected antioxidants in Atlantic croaker tissues, 159
Peterson, R.H., see Lacroix, G.L., 373

Reimschuessel, R., see Kane, A.S., 51
Robertson, L.W., see Michel, X.R., 335

Schaap, G., see Sijm, D.T.H.M., 345
Secombes, C.J., see Tahir, A., 71
Sijm, D.T.H.M., Schaap, G. and Opperhuizen, A., The effect of the biotransformation inhibitor piperonylbutoxide on the bioconcentration of 2,8-dichlorodibenzo-*p*-dioxin and pentachlorobenzene in goldfish, 345
Sumpter, J.P., see Jobling, S., 361
Suteau, P., see Michel, X.R., 335

Tahir, A., Fletcher, T.C., Houlihan, D.F. and Secombes, C.J., Effect of short-term exposure to oil-contaminated sediments on the immune response of dab, *Limanda limanda* (L.), 71
Thurén, A., see Holm, G., 33

Wiedmeyer, R.H., see Cleveland, L., 265
Wirgin, I., see Courtenay, S., 225
Wofford, H.W., see Peter Thomas, 159